

Attendance Monitoring Solution

TWIG Tag active RF tags are used to register attendance of security guards and other TWIG Protector users, or to monitor mobile assets.

User swipes a TWIG Tag with compatible TWIG Protector to initiate attendance report. TWIG Protector acknowledges with screen indicator and sound that TWIG Tag has been successfully read.

TWIG Protector transmits tag report in real time to central station over mobile network. Information on tag identity and position is included.

TWIG Tag can be deployed in a wide range of environments. It is IP67 water proof and has an operating temperature range of -20 to +50 C. Mounting options include screws or velcro tape.

The TWIG short range devices (SRD) system is modular. TWIG Protector with SRD transceiver can receive alarms from several TWIG Button wireless alarms, determine its position from nearby TWIG Beacon locating devices also when GPS signal is not available, and register attendance by swiping TWIG Tag RF identifiers.



Application examples

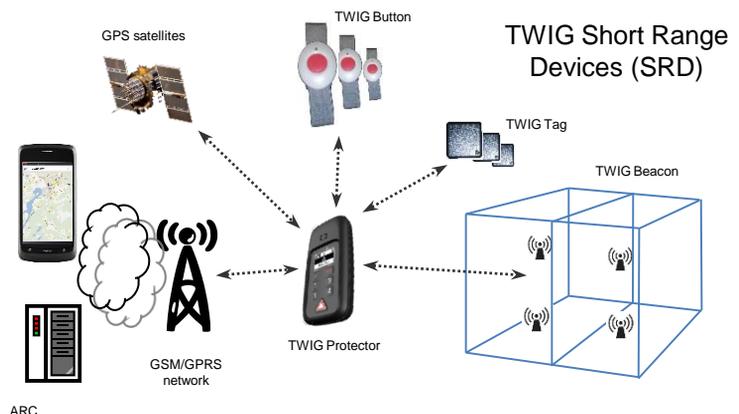
- Attendance monitoring
- Lone worker protection
- Asset security

Attendance monitoring

Security guard or other TWIG Protector user can provide positive proof of attendance by swiping a TWIG Tag.

Lone Worker Protection

Duty of care requires employers to give lone workers means to alert help. Depending on the risk assessment, a dedicated alarm device may be required. TWIG Tags provide a solution for implementing safety check points for TWIG Protector users.



Asset security

Mobile assets equipped with inexpensive TWIG Tags can be swiped by TWIG Protector for processing report with location information.

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Short-range active RF Tag

- Triggered and read by swiping with SRD compatible TWIG personal alarm

Small, robust and affordable

- Discreet design
- Screw-on and velcro attachment options

Compatibility and communication

TWIG Tag works with TWIG TCP90EU and TUP90EU personal alarms equipped with the TWIG SRD Transceiver -option:

- TWIG Protector
- TWIG Protector EasyP / EasyS
- TWIG Protector Pro
- TWIG Asset Locator

Tag report is transmitted from TWIG personal alarm to ARC in MPTP (Mobile Phone Telematics Protocol) messages, over SMS or GPRS.

TWIG personal alarm integrating SRD transceiver can operate simultaneously with TWIG Button wireless alarms, TWIG Beacon locating devices and TWIG Tag RF identifiers.

Brief technical specification

- Dimensions: 35 mm x 35 mm x 11 mm (w/o mounting devices)
 - Weight: 13 g with battery
 - Operating temperature -20° C...+50° C
 - Power supply: Lithium primary battery 560 mAh
 - Operating time:
 - 5 years / 20 000 readings*
 - Operating frequency: 869,675 MHz (EU), 918,675 MHz (AU)
 - Transmitting power level: -30 dBm
- Frequency deviation: +/- 5 kHz

Mechanics

- Waterproof (IP67)

Sales package content

- TWIG Tag with integrated lithium primary battery
- Mounting screws
- Velcro mounting tapes
- Printed quick installation & configuration guide

